

Publications and digital resources: two complementary models for implementing the Berlin Declaration

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Overview

- Underlying principles and context
- Main achievements since Berlin 3
 - A national publication archive
 - A network of digital resource centres
- Next steps

Open Access policy at CNRS

- Basic principles
 - Open access as part of an integrated STI policy
 - Global approach considering both publications and research data
- The French national context
 - A multifarious institutional environment
 - A multidisciplinary and national research body: CNRS
 - Various smaller research bodies
 - INRA, INSERM, INRIA, etc.
 - 88 Universities...
 - Many laboratories are joint ventures

Open Access policy at CNRS

- Weaknesses
 - Very difficult to require open access from researchers of one single institution in isolation
 - Deploying archives can take place at both national and local level
- Strengths
 - Centrality of CNRS facilitates nationwide communication
 - An agreement between institutions is strongly incentive

Beyond publications: research data

- Essential basis for research in many domains
 - Open access is essential to pool together existing data
- Share basic metadata elements with publications
 - Can/must be bundled together (e.g. queries)
- Come in a variety of structure and format
 - Skilled staff is required (digital curators)
- Copyright issues may be simpler...

Hence...

- We may not want to deal with publications and research data with the same editorial principles
 - Publications
 - central management is possible
 - Research data
 - should rely more on research communities
- Still, we should ensure that coherence is maintained between the two

Open access to publications

Publication archive policy

- Background
 - HAL (Hyper Archive en Ligne)
 - hal.ccsd.cnrs.fr
 - Many good features to make it become the unique CNRS publication archive
- Two trends since Southampton
 - Communication and incentive measures
 - Central role of services: export facilities, webpage generation, link to evaluation, generalized editorial support (librarians), online reference data (e.g. terminology) etc.
 - Discussion with other institutions

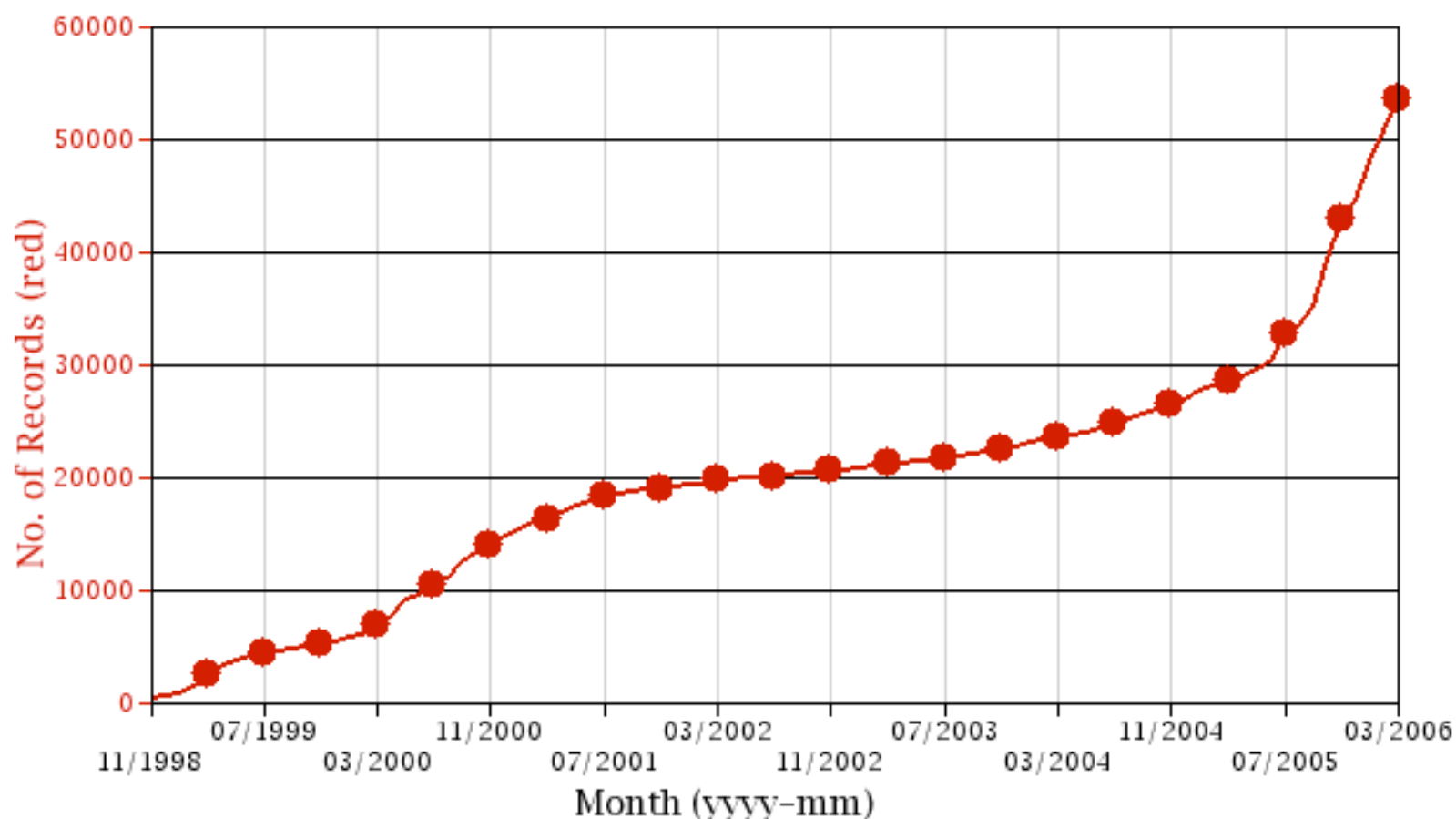
Main achievement

- National MoU
 - Agreement to have one single publication archive for all institutions in France
 - Joint desire to support open access through this archive
- Signatories:
 - CEMAGREF, CIRAD, CNRS, CPU (Conférence des Présidents d'Universités), INRA, INRIA, INSERM, Institut PASTEUR, IRD, CGE (Conférence des Grandes Ecoles)

From words to action

HAL: Hyper Article en Ligne

Generated by <http://archives.eprints.org/>



Discussion points

- Open access (1)?
 - (only?) 1000 out of 4000 entries per month are associated with full text
 - Intrinsic reluctance
 - But: researchers get accustomed to the archive
- Open access (2)?
 - Immediate open access is not easy to achieve in all communities
 - E.g. INSERM: follow NIH policy



Discussion points (cont.)

- Relation to OA Journals
 - Global negotiations with Journals
 - Annual fees (tokens) + Mirror on HAL
 - E.g. EGU
- Should we “require” researchers to self-archive their paper?
 - Policy: create a spectrum of incentive measures, services and editorial support
 - HAL should become a natural component of the researcher’s environment

Discussion points (cont.)

- What about institutional repositories?
 - One size fits all
 - institutional repositories as views on HAL
 - Many strong arguments against the fragmented picture that would result from too many IR
- What about thematic archives?
 - Direct connexion with ArXiv and PMC
 - HalSHS: specific view dedicated to Human and Social Sciences

INSERM @HAL :: DéPOSER - Microsoft Internet Explorer

Fichier Edition Affichage Favoris Outils ?

Adresse http://hal-inserm.ccsd.cnrs.fr/index.php?paol_sid=4a576d96dd8a16406a4de78ee9eb0749&pmid=15869947 OK Liens

champs obligatoires

PMID [Recharger la page à partir du PMID](#)

titre

titre abrégé

résumé

domaine [Liste des domaines](#) [Retirer](#)

langue du texte intégral

ISSN

DOI

journal (voir la liste) (effacer)

volume

page, identifiant, ...

Terminé Internet

Importation and validation
via PubMed ID

Open access to research data

The case of humanities

General context

- Major difficulties
 - Research data is highly spread
 - Multiple formats
 - Long-term preservation
 - Accessibility
 - Identification of existing assets
 - Actual access to data

Supporting policy

- Encourage researchers to disseminate their results
 - Link to CNRS assessment campaigns (researchers, laboratories)
- Provide the technical support
 - Help researchers to create, maintain and disseminate their own data
 - Ensure high editorial and technical quality
- Strategy
 - Identify critical mass of expertise as national centres of competence

Implementation at CNRS

- 5 Digital Resource Centres
 - *"Centre de Ressources Numériques"*
 - Result from a call issued in July 2005 (DIS+H&S)
 - Oriented towards specific types of domains
 - Spoken corpora
 - Texts and lexica
 - Manuscripts
 - Geographical information
 - Visual sources
 - National and international role

Mission statement

- Survey existing data and laboratories (national and international level)
- Keep in line with international standards and recent technologies
- Provide better (and free) access to digital resources (data and software)
- Train research communities (use and enhancement of available resources)

"Morphalou"

- Open lexicon for French inflected forms
- Coverage: 450.00 entries from TLFi
- Conformant to existing standards (XML, ISO/TC 37/SC 4)
- www.actarus.atilf.fr/morphalou

lexique : commonNoun - masculine					
orthography	mood	tense	number	person	gender
lexique			singular		
lexiques			plural		

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"TermSciences"

- Multilingual, multidisciplinary vocabulary
 - French, English, German, Spanish : 650 000 terms
 - Compliant with ISO 16642 (Terminological Markup Framework)
- <http://www.termosciences.fr>

"TermSciences"

Associés

[Adjuvants pharmaceutiques](#)

Génériques

[Composition aliment](#)

[Utilisations spécialisées de produits chimiques](#)

[Aliment](#)

Definition

Substances which are of little or no nutritive value, but are used in the processing or storage of foods or animal feed, especially in the developed countries; includes ANTIOXIDANTS; FOOD PRESERVATIVES; FOOD COLORING AGENTS; FLAVORING AGENTS; ANTI-INFECTIVE AGENTS (both plain and LOCAL); VEHICLES; EXCIPIENTS and other similarly used substances. Many of the same substances are PHARMACEUTIC AIDS when added to pharmaceuticals rather than to foods.
(source: MeSH)

Français

Additif alimentaire

[Sources](#)

```

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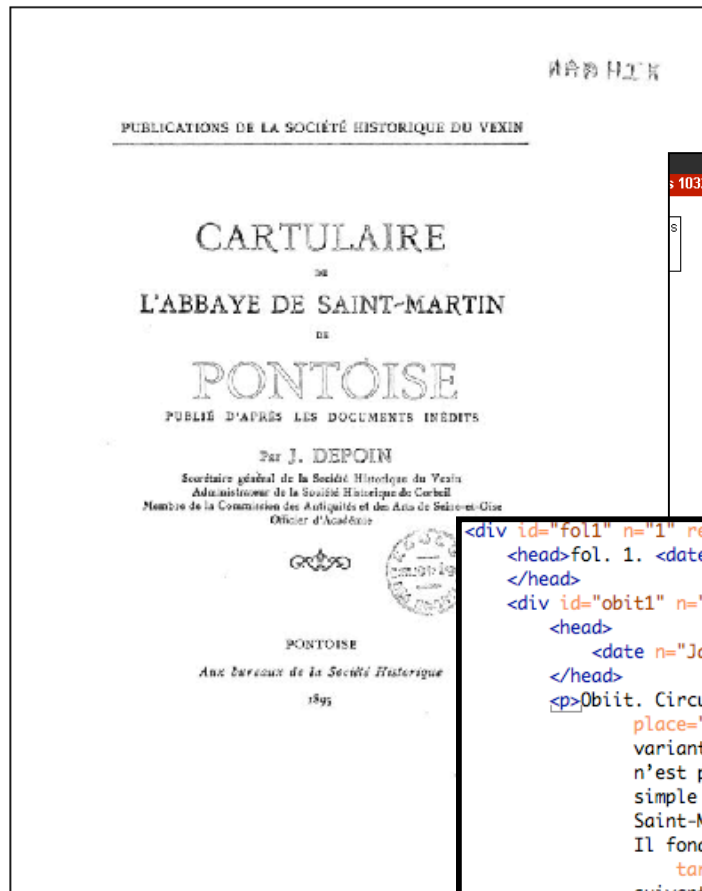
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"ELEC"

- *Editions en ligne de l'Ecole des Chartes*
 - Transcription of various medieval sources,
 - Conformant to the TEI (Text Encoding Initiative Guidelines)
- <http://elec.enc.sorbonne.fr/>

"ELEC"

CARTULAIRE DE L'ABBAYE DE SAINT-MARTIN DE PONTOISE



1032(Avant 1068)

accueil du corpus - accueil de cet ouvrage

I

(Vers 1032)(Avant 1068)

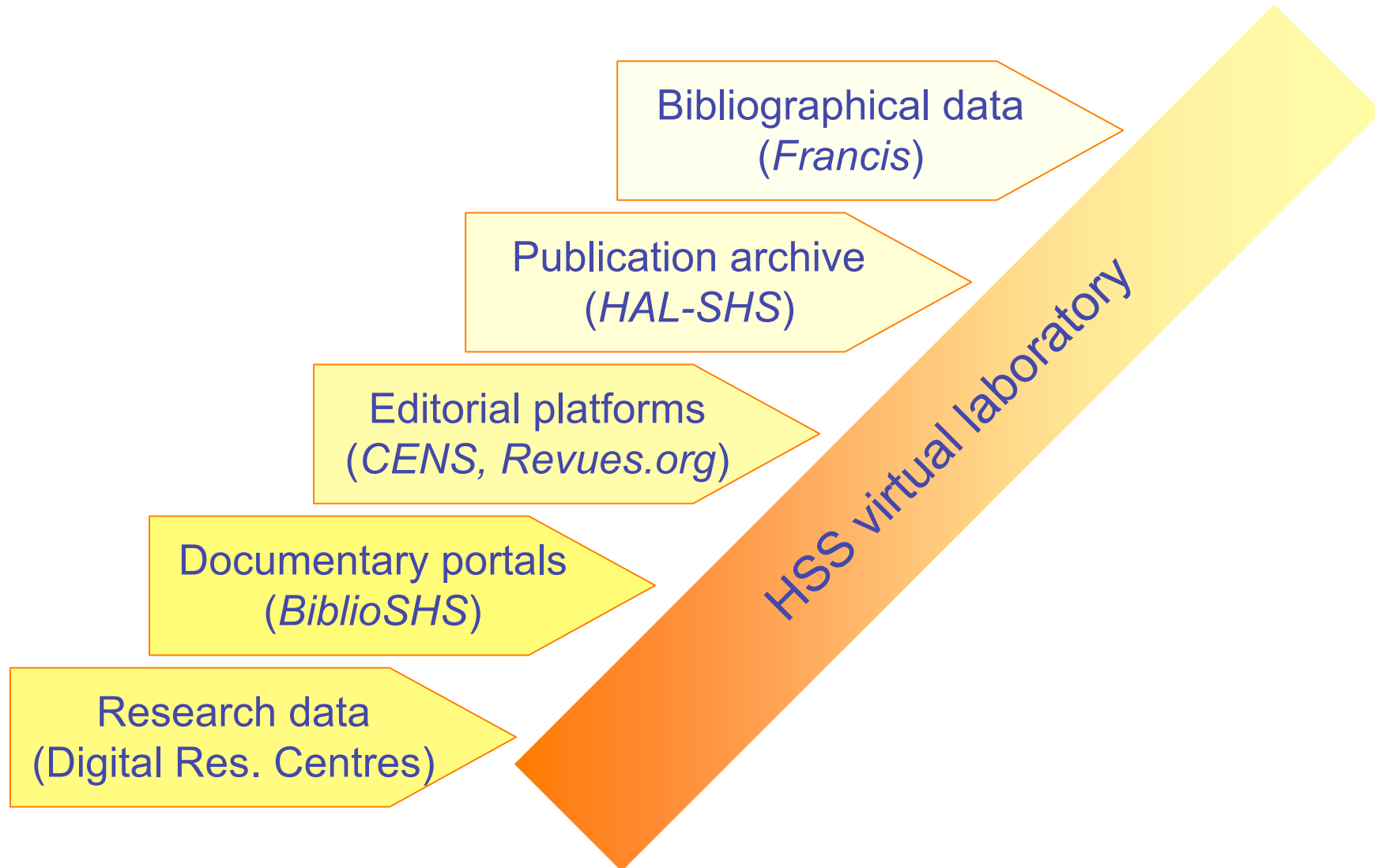
Sire Amaury de Pontoise obtient d'Hermer Tostat la restitution d'un alleu à Menouvillle, donné par Dreux de Jérusalem.

DROGO qui dicebatur de JERUSALEM¹ dedit Deo et *Sancto Germano Pontisariensi*, abbati videlicet Deoque illic servientibus, pro anima sua et animabus antecessorum suorum, alodium suum quod habebat apud *Menoldivillam*.

Quodam vero tempore HERMERUS TOSTATA² calumpniavit partem alodii ipsius, et quia ecclesia *Pontisariensis* ut pote novella et tenuis erat, nullusque fuit qui ex parte monachorum resisteret, perambulavit, violentia sua, eandem partem ut voluit. Domnus autem AMALRICUS PONTISARIENSIS³ cum huic rei interesset,

<div id="fol1" n="1" rend="folio01" type="folio">
<head>fol. 1. <date>JANUARIUS 1-5</date>
</head>
<div id="obit1" n="1" type="obit">
<head>
<date n="Januarius" value="01-01">A. Kl. januarii.</date>
</head>
<p>Obiit. Circuncisio Domini. In nomine Domini, amen. Nos, G.<note n="1" place="foot">G[uillaume] de La Perche (ou La Perchatte ou La Perchoite, pour les variantes orthographiques les plus courantes) est originaire de Remiremont. Son nom n'est pas sans rappeler La Perchotte, lieu-dit de la commune du Val d'Ajol. Il était simple <foreign lang="frm">preste chanonne regulier er aprovendei</foreign> du Saint-Mont en 1387-1389 (ADV, VII H 8 et 29), puis devint prieur entre 1405 et 1425. Il fonde son obit au Saint-Mont en 1405 (OSM <ref target="obit330">26</ref>-<ref target="obit331">27 nov</ref>.), avant de faire ouvrir cet obituaire l'année suivante. Des documents assez nombreux ont conservé le souvenir d'une <foreign lang="frm">honorable et religieuse personne</foreign> et d'un gestionnaire actif. Voir <xref n="intro1.php#intro1.2.3">l'introduction</xref>.</note>, prieur, et tout li convent de l'accleise de Rombech<note n="2" place="foot">Cette appellation a désigné la montagne où était installée la communauté du Saint-Mont puis la communauté elle-même.</note>, pres de Romarimont, de l'ordre saint Augustin <note

The overall picture



Next step: joining efforts in Europe

- Principles
 - Sharing our technical expertise and infrastructure in the management of digital resources in the humanities
 - Integrate strong partners:
 - AHDS: Arts and Humanities Data Service (UK)
 - DANS: Data Archiving and Network Services (NL)
 - MPG: Max-Planck Gesellschaft (DE)
 - ...
- Actions
 - Memorandum of Understanding between the four institutions
 - Encourage strong interaction between our technical staff

Conclusions

- Implementing the Berlin declaration at a national level, by being both
 - Pragmatic
 - Variety of research communities
 - Variety of institutions
 - Systemic
 - A global and coherent view on the management and dissemination of research data
- Open access should become a natural dimension of any research activity
 - Essential role of supportive actions
 - International collaboration is central